

**Commonwealth of Kentucky  
Environmental and Public Protection Cabinet  
Department for Environmental Protection  
Division for Air Quality  
803 Schenkel Lane  
Frankfort, Kentucky 40601  
(502) 573-3382**

**Final**

**AIR QUALITY PERMIT  
Issued under 401 KAR 52:030**

**Permittee Name:** Emerson Power Transmission Corporation  
**Mailing Address:** 1248 East Second Street,  
Maysville, Kentucky 41056

**Source Name:** Same as above  
**Mailing Address:** Same as above

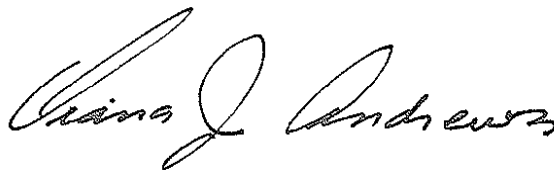
**Source Location:** 1248 East Second Street, Maysville, Kentucky  
526 Clark St., Maysville, Kentucky

**Permit ID:** F-05-006 (R1)  
**Agency Interest #:** 3005  
**Activity ID:** APE20050004  
**Review Type:** Conditional Major, Minor Revision  
**Source ID:** 21-161-00001

**Regional Office:** Ashland Regional Office  
1550 Wolohan Drive, Suite 1  
Ashland, Kentucky 41102-8942  
(606) 929-5285

**County:** Mason

**Application**  
**Complete Date:** November 25, 2006  
**Issuance Date:** May 27, 2005  
**Revision Date:** December 2, 2006  
**Expiration Date:** May 27, 2010



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**John S. Lyons, Director  
Division for Air Quality**

## TABLE OF CONTENTS

SECTION	DATE OF ISSUANCE	PAGE
A. PERMIT AUTHORIZATION	INITIAL	1
B. EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS	REVISION 1	2
C. INSIGNIFICANT ACTIVITIES	REVISION 1	12
D. SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS	INITIAL	16
E. SOURCE CONTROL EQUIPMENT OPERATING REQUIREMENTS	INITIAL	18
F. MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS	INITIAL	19
G. GENERAL CONDITIONS	REVISION 1	22
H. ALTERNATE OPERATING SCENARIOS	INITIAL	27
I. COMPLIANCE SCHEDULE	INITIAL	27

Rev.#	Permit Type	Complete Date	Issuance Date	Summary of Action
	Initial Issuance	March 14, 2005	May 27, 2005	Initial Issuance
1	Minor	November 25, 2006	December 2, 2006	Adding insignificant activities

## **SECTION A - PERMIT AUTHORIZATION**

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and received a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

**Emission Point          6                                  Powder Paint Spray Booth  
Plant 1 (63)**

**Description                                  MP1:                                  Four Auto Spray Guns**

Paint Consumption:                                  60.0 lbs/hr

Control Equipment:                                  Filters

Estimated Control Efficiency:                                  98%

**MP2:                                  Curing Oven**

Rated Capacity:                                  0.3 MMBtu/hr per oven

Fuel:                                  Natural Gas

**Emission Point          7                                  Powder Paint Spray Booth  
Plant 3 (20)**

**Description                                  MP1:                                  Auto Spray Gun**

Paint Consumption:                                  60.0 lbs/hr

Control Equipment:                                  Filters

Estimated Control Efficiency:                                  98%

**MP2:                                  Curing Oven**

Rated Capacity:                                  0.3 MMBtu/hr per oven

Fuel:                                  Natural Gas

**Emission Point          1                                  Manual Spray Booth  
Plant 3 (20)**

**Description                                  MP1:                                  Applicator**

Paint Consumption:                                  0.27 gal/hr

Date Of Construction:                                  March 1990

Estimated Transfer Efficiency:                                  50%

Control Equipment:                                  Filters

Estimated Control Efficiency:                                  80%

Clean Up Solvent Consumption                                  0.343 gal/hr

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

**Emission Point      2      Manual Spray Booth  
Plant 1 (17)**

**MP1: Spray Gun**

### Description

Paint Consumption (Black):	0.1058 gal/hr
Paint Consumption (Gray)	0.1058 gal/hr
Date Of Construction:	March 1990
Estimated Transfer Efficiency:	50%
Control Equipment:	Filters
Estimated Control Efficiency:	80%
Clean Up Solvent Consumption:	0.03 gal/hr

**Emission Point      3      Manual Spray Booth  
Plant 1 (36)**

**MP1: Spray Gun**

### Description

Paint Consumption (Black):	0.0083 gal/hr
Paint Consumption (Gray):	0.0834 gal/hr
Proposed date of Construction:	May 2005
Estimated Transfer Efficiency:	50%
Control Equipment:	Filters
Estimated Control Efficiency:	80%
Clean Up Solvent Consumption:	0.21 gal/hr

**Emission Point 4** **Manual Spray Booth**  
**Plant 1 (33)**

**MP1: Spray Gun**

### Description

Paint Consumption (Black):	0.0083 gal/hr
Paint Consumption. (Gray):	0.0834 gal/hr
Proposed date of Construction:	May 2005
Estimated Transfer Efficiency:	50%
Control Equipment:	Filters
Estimated Control Efficiency	80%
Clean Up Solvent Consumption:	0.21 gal/hr

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

**Emission Point      5      Manual Spray Booth  
Plant 1 (80)**

**MP1:**

## Applicator

## Description

Paint Consumption (Black):	0.0083 gal/hr
Paint Consumption (Gray):	0.0834 gal/hr
Proposed date of Construction:	May 2005
Estimated Transfer Efficiency:	50%
Control Equipment:	Filters
Estimated Control Efficiency:	80%
Clean Up Solvent Consumption:	0.21 gal/hr

**APPLICABLE REGULATIONS:**

- a. **401 KAR 59:010**, New Process Operations (applicable to each affected facility associated with a process operation commenced on or after July 2, 1975);
- b. **401 KAR 52:030**, Federally-enforceable permits for nonmajor sources.
- c. **401 KAR 63:020**, Potentially hazardous matter or toxic substances, applicable to each affected facility which emits or may emit potentially hazardous matter or toxic substances.

### 1. Operating Limitations:

- (i) The usage rate of materials used in all affected facilities shall be limited so as not to exceed the emission limitations listed in Section B (2) below.
- (ii) Coating application purging solvents shall be collected in closed containers and retained therein until such time as they are shipped offsite for disposal or recycled.

## 2. Emission Limitations:

- (i) **Standard for Opacity (401KAR 59:010 Section (3)):**  
The permittee shall not cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility (s) which is equal to or greater than twenty (20) percent opacity.

### Compliance Demonstration Method:

The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

## **SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

### **(ii) Standard for Particulate Matter (401 KAR 59:010 Section 3(2)):**

For emission from a control device or stack, no person shall cause, suffer, allow or permit the emission in to the open air of particulate matter (PM) from any affected facility which in excess of 2.34 lbs/hr.

#### **Compliance Demonstration Method:**

The filter system is to be maintained and operated in accordance with the manufacturer's instruction, and is to be operated at all times that any production machinery is in use. When the spray booths are operated in accordance with manufacturer's recommendations, compliance with the mass limit is assumed.

### **(iii) Annual HAPS Limitations (401 KAR 52:030):**

The source has accepted a facility-wide limits on annual individual HAP emissions of no more than 9.0 and combined HAPS emissions no more than 22.5 tons per rolling 12-month period.

#### **Compliance Demonstration Method:**

See Section D (5)

### **(iv) Annual VOC Limitations (401 KAR 52:030):**

The source has accepted a facility-wide limit on annual VOC emissions of no more than 60.0 tons per rolling 12-month period.

#### **Compliance Demonstration Method:**

See Section D (4)

### **(v) 401 KAR 63:020:**

See Section D (6)

## **3. Testing Requirements:**

See Section D (3).

## **4. Specific Monitoring Requirements:**

See Compliance Demonstration Method in Section B (2)(i).

**SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

**5. Specific Recordkeeping Requirements:**

See Section D(7).

**6. Specific Reporting Requirements:**

See Section D (8).

**7. Specific Control Equipment Operating Conditions:**

See Compliance Demonstration Method in Section B (2)(ii).



**SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

Emission Point	15	Coolant
<b><u>Description:</u></b>		
	Coolant(TRIM SC 125)	20.36 lb/hr
	PH Adjuster(TRIM TC220)	0.16 lb/hr
	Cleaner (TRIM Clean F2)	10.67 lb/hr
	Cleaner (TRIM Rinse 100)	0.395 lb/hr
	Cleaner (TRIM Whamex)	0.0122 lb/hr
	TRIM C115AX	0.075 lb/hr
	TRIM CE/CE2	0.29 lb/hr
	TRIM OS 2267	0.0813 lb/hr
	TRIM Regular	0.383lbhr
	TRIM Clean 2029	1.5 lb/hr
	TRIM GROTAN	0.056 lb/hr
	TRIM RINSE 100	0.086 lb/hr
	TRIM KATHON 886NW	0.147 lb/hr
	Defoamer 2500	0.078 lb/hr
	Trans Plus 1704	1.5 lb/hr
	Maxi Gard DS	1.03 lb/hr
	Metal Rust Guard	0.6 lb/hr

**APPLICABLE REGULATIONS:**

- a. **401 KAR 52:030.** Federally-enforceable permits for nonmajor sources.
- b. **401 KAR 63:020,** Potentially hazardous matter or toxic substances, applicable to each affected facility which emits or may emit potentially hazardous matter or toxic substances.

### 1. Operating Limitations:

The usage rate of materials used in all affected facilities shall be limited so as not to exceed the emission limitations listed in Section B (2) below.

## 2. Emission Limitations:

(i) **Annual HAPS Limitations (401 KAR 52:030):**

The source has accepted a facility-wide limit on annual individual HAP emissions of no more than 9.0 and combined HAPS emissions of no more than 22.5 tons per rolling 12-month period.

### Compliance Demonstration Method:

See Section D (4)

**SECTION B -EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

(ii) **Annual VOC Limitations (401 KAR 52:030):**

The source has accepted a facility-wide limit on annual VOC emissions of no more than 60.0 tons per rolling 12-month period.

**Compliance Demonstration Method:**

See Section D (4)

(iii) **401 KAR 63:020:**

See Section D (6)

**3. Testing Requirements:**

See Section D (3).

**4. Specific Monitoring Requirements:**

None

**5. Specific Recordkeeping Requirements:**

See Section D(7).

**6. Specific Reporting Requirements:**

See Section D(8).

**7. Specific Control Equipment Operating Conditions:**

None

## **SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS**

**Emission Point:**

**Existing Combustion Sources**

See Section C

**Emission Point:           16**

**Proposed Combustion Sources**

**Sterling Unit (J-34 Area)**

4@ 0.35 mmbtu/hr (N.G.)

**Sterling Unit (J-28 Area)**

3@ 0.3 mmbtu/hr (N.G.)

**Two Lindberg Furnace**

0.305 mmbtu/hr (N.G.)

**Sunbeam Furnace**

0.098 mmbtu/hr (N.G.)

### **APPLICABLE REGULATIONS:**

None

#### **1. Operating Limitations:**

None

#### **2. Emission Limitations:**

For VOC emission see Section D (4) (b)

#### **3. Testing Requirements:**

See Section D (3).

#### **4. Specific Monitoring Requirements:**

The permittee shall monitor and maintain records of the monthly natural gas usage rate in million cubic feet.

#### **5. Specific Record keeping Requirements:**

See Specific Monitoring Requirements above.

#### **6. Specific Reporting Requirements:**

See Section D (8).

#### **7. Specific Control Equipment Operating Conditions:**

None

## **SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS**

**Emission Point 9:**

**Blu - Surf Burn - Off Oven**  
12.48 mmbtu/hr,

### **APPLICABLE REGULATIONS:**

**401 KAR 59:010**, New Process Operations (applicable to each affected facility associated with a process operation commenced on or after July 2, 1975);

#### **1. Operating Limitations:**

None

#### **2. Emission Limitations:**

##### **(i) Standard for Opacity (401KAR 59:010 Section (3)):**

The permittee shall not cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility (s) which is equal to or greater than twenty (20) percent opacity.

##### **Compliance Demonstration Method:**

The opacity is assumed to be in compliance with the opacity limit while burning natural gas and during normal operation.

##### **(ii) Standard for Particulate Matter (401 KAR 59:010 Section 3(2)):**

For emission from a control device or stack, no person shall cause, suffer, allow or permit the emission in to the open air of particulate matter (PM) from any affected facility which in excess of 2.34 lb/hr.

##### **Compliance Demonstration Method:**

The particulate matter is assumed to be in compliance with the particulate matter limit while burning natural gas and during normal operation.

#### **3. Testing Requirements:**

See Section D (3).

#### **4. Specific Monitoring Requirements:**

The permittee shall monitor and maintain records of the monthly natural gas usage rate in million cubic feet.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS**

**5. Specific Record keeping Requirements:**

See Specific Monitoring Requirements above.

**8. Specific Reporting Requirements:**

None

**9. Specific Control Equipment Operating Conditions:**

None

**SECTION C - INSIGNIFICANT ACTIVITIES**

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

<u>Description</u>	<u>Generally Applicable Regulation</u>
1. Water-based parts washers – electrically heated	None
2. 9 Production Welding Machines	59:010
3. 3 shot or sand blasting cabinets	59:010
4. Arc Cutting	59:010
5. Metal stamping or pressing machines	59:010
6. 4 Lindberg Carburizing Furnaces rated 0.098 to 0.875 mmbtu/hr	None
7. 4 Lindberg Carburizing Furnaces rated 0.098 to 0.875 mmbtu/hr	None
8. Sunbeam Carburizing Furnace rated 0.278 mmbtu/hr	None
9. 7 Lindberg Tempering/Draw Furnaces rated 0.20 to 0.78 mmbtu/hr	None
10. 7 Electric Ovens and Furnaces	None
11. 6 Lindberg Atmosphere Generators rated 0.3 mmbtu/hr	None
12. 5 Electric Induction Hardeners	None
13. 2,000-gallon Methyl Acetylene tank	None
14. 1,625-gallon Nitrogen tank	None
15. 3,000-gallon Oxygen tank	None
16. 5,167-gallon Used oil tank	None
17. 3,719-gallon Trim SC125 coolant tank (concentrate)	None

**SECTION C - INSIGNIFICANT ACTIVITIES**

18	2,624-gallon Used coolant tank	None
19	10,580-gallon Wastewater tank	None
20	4,000-gallon Wastewater tank	None
21	4,451-gallon Process tank	None
22	3,105-gallon Trim SC125 coolant tank (5%)	None
23	3,000-gallon Coolant Pretreatment tank	None
24	3,000-gallon Coolant Additive tank	None
25	2 x 1,000-gallon Coolant tank	None
26	2 x 2,364-gallon Coolant tanks	None
27	2 x 350-gallon Coolant tanks	None
28	12 x 464-gallon Oil totes	None
29	400-gallon Oil tote	None
30	2 x 270-gallon F2 totes	None
31	2 x 2,000-gallon Hydraulic Oil tanks	None
32	2 x 1,500-gallon Hydraulic Oil tanks	None
33	2,000-gallon Vactra No.2 Oil tank	None
34	1,500-gallon DTE 24 tank	None
35	2 x 5,000-gallon Subcut YD Oil tanks	None
36	2,364-gallon waste oil tank	None
37	300-gallon waste oil tank	None
38	300-gallon brine tank	None
39	200 oil and coolant containers of 66 gallons or less	None
40	6.2 mmbtu/hr Trane Boiler	None

**SECTION C - INSIGNIFICANT ACTIVITIES**

41	2 x 0.48 mmbtu/hr Dayton Water Treatment Unit heaters	None
42	7 Bonanza Air Makeup Units rated at 0.2 to 0.3 mmbtu/hr	None
43	10 Reznor Gas Heaters rated from 0.25 to 0.75 mmbtu/hr	None
44	4 Aerovent Gas Heaters rated at 0.25 mmbtu/hr	None
45	10 Radiant Heaters with a total combined rating of 0.72 mmbtu/hr	None
46	3 Carrier Gas-fired Package HVAC Units rated 0.4 mmbtu/hr	None
47	4 Trane Gas-fired Package HVAC Units rated 0.4 mmbtu/hr	None
48	1 Lennox Gas-fired Package HVAC Unit rated 0.4 mmbtu/hr	None
49	7 BPD Gas-fired Package HVAC Unit rated less than 0.2 mmbtu/hr	None
50	2 Tempstar Gas-fired Package HVAC Units rated less than 0.2 mmbtu/hr	None
51	9 Sterling Space Heaters rated from 0.3 to 0.35 mmbtu/hr	None
52	42 small Ambient Heating Units with a combined total capacity of 1.7 mmbtu/hr	None
53	Deimco Powder Coating line equipped with paper filters	59:010
54	Cat Quick Dri Powder Paint Cure Oven rated at 0.30 mmbtu/hr Cooling Tunnel	None
55	3 Tempstar Lab Furnaces rated at 0.1 to 0.125 mmbtu/hr	None
56	2 Bryant Lab Furnaces rated at 0.125 and 0.132 mmbtu/hr	None
57	Amana Lab Furnace rated at 0.115 mmbtu/hr	None
58	Waukee water-based parts washer rated at 0.39 mmbtu/hr	None
59	Lindberg water-based parts washer (ID 6719) rated at 0.65 mmbtu/hr	None
60	Lindberg water-based parts washer (ID 6557) rated at 0.39 mmbtu/hr	None
61	Taylor & Gastins water-based parts washer rated at 0.5 mmbtu/hr	None



**SECTION C - INSIGNIFICANT ACTIVITIES**

62	2 Magnus cold-cleaning dip tank	None
63	1 Harley cold-cleaning dip tank	None
64	Tocco Flame Hardener rated at 0.8 mmbtu/Hour	None
65	Space Heater 210 Heaters @ Different Capacity Total rated capacity 29.025 mmbtu/hr	None
66	3-Stage Washers 2.0 mmbtu/hr	None
67	Dry Off Oven 2.0 mmbtu/hr	None
68	Cure Oven 2@ 2.5 mmbtu/hr	None
69	Solvent Distillation Unit (Model 709 Minimizer <sup>TM</sup> )	None
70	Four (4) Paint Gun Cleaners	None

**SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS**

1. As required by Section 1b of the material incorporated by reference in 401 KAR 52:030 Section 10, compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. VOC and HAPs emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.
3. Testing shall be conducted at such times as may be required by the Cabinet in accordance with the Regulations 401 KAR 59:005 Section 2(2) and KAR 50:045 Section 3.
4. The source has accepted a facility-wide cap on annual VOC emission of no more than 60.0 tons per rolling 12-month period (including VOC emissions from Insignificant Activities). The actual VOC emission shall be calculated based on 12-month rolling total.

**Compliance Demonstration Method:**

- a. The following equation may be used to calculate VOC emission:

Monthly VOC emission =  $\sum$ [Monthly usage of coatings or any other VOC containing material in pounds or gallons per month] x [VOC fraction] x [appropriate conversion factor (if usage is in gallons) for gallons to pounds for coating or any other VOC containing material used].

- b. The following equation may be used to calculate VOC emission from Natural Gas Consumption:

Monthly VOC emission = Monthly usage of Natural Gas (million Cubic feet) X 5.5 lb/Million Cubic feet

5. The source has accepted a facility-wide cap on annual individual HAP emission of no more than 9 tons per rolling 12-month period and combined HAPS emissions of no more than 22.5 tons per rolling 12-month period. The actual HAP/HAPs emission shall be calculated based on 12-month rolling total.

**Compliance Demonstration Method:**

The following equation may be used to calculate the HAP emissions:

Monthly HAP emission =  $\sum$ [Monthly usage of coatings or any other HAP containing material in pounds or gallons per month] x [HAP fraction] x [appropriate conversion factor (if usage is in gallons) for gallons to pounds for coating or any other HAP containing material used].

**SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS**

6. 401 KAR 63:020; Potentially hazardous matter or toxic substances, applicable to each affected facility (s) which emits or may emit potentially hazardous matter or toxic substances.

**Compliance Demonstration Method:**

The source is in compliance with 401 KAR 63:020 based on the emission rates of toxics given in the application submitted by the source. If the source alters process rates, material formulations, or any other factor that would result in an increase of toxic emissions or the addition of toxic emissions not previously evaluated by the Division, the source shall submit the appropriate application forms pursuant to 401 KAR 52:020, Section 3(1)(a), along with modeling to show that the facility will remain in compliance with 401 KAR 63:020.

7. **Specific Recordkeeping Requirements:**

- a. The permittee shall keep calendar month records of the usage of each coating, solvent, thinner, diluent, and clean up solvent or any other VOC/ HAP containing material;
- b. At the end of each month volatile organic compound (VOC) and hazardous air pollutants (HAPS) emissions in tons shall be calculated and recorded;
- c. The annual emission for each rolling 12 month year shall be calculated and kept available at the plant site;
- d. The records listed above, as well as purchase orders and invoices for all VOC/HAP containing materials, shall be made available for inspection upon request by duly authorized representatives of the Division for Air Quality;
- e. The permittee shall keep records of all maintenance activities performed on the control equipment.

8. **Specific Reporting Requirements:**

Reporting of the following shall be done on a semi annual-basis:

- a. Any deviations from requirements of section B shall be reported;
- b. The VOC emission for each month in the semi-annual period shall be reported;
- c. The individual HAP emissions for each month in the semi-annual period shall be reported;
- d. The combined HAPs emission for each month in the semi-annual period shall be reported;
- e. The rolling 12 month total for VOC during each month in the semi-annual period shall be reported;
- f. The rolling 12 month total of individual HAP's for each month in the semi-annual period shall be reported;
- i. The rolling 12 month total of combined HAP's for each month ending in the semi-annual period shall be reported

## **SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS**

Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

## **SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS**

1. Pursuant to Section 1b (IV)(1) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
  - a. Date, place (as defined in this permit), and time of sampling or measurements;
  - b. Analyses performance dates;
  - c. Company or entity that performed analyses;
  - d. Analytical techniques or methods used;
  - e. Analyses results; and
  - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality[401 KAR 52:030 Section 3(1)(f)1a and Section 1a (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
3. In accordance with the requirements of 401 KAR 52:030 Section 3(1)f the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
  - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
  - b. To access and copy any records required by the permit;
  - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

## **SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)**

6. The semi-annual reports are due by January 30th and July 30th of each year. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All reports shall be certified by a responsible official pursuant to 401 KAR 52:030 Section 22. All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
  - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
  - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall submit written notice upon request.
8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above) to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.5 [Section 1b V(3) and (4) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
9. Pursuant to 401KAR 52:030, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit in accordance with the following requirements:
  - a. Identification of each term or condition;
  - b. Compliance status of each term or condition of the permit;
  - c. Whether compliance was continuous or intermittent;
  - d. The method used for determining the compliance status for the source, currently and over the reporting period.
  - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

## **SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)**

- f. The certification shall be postmarked by January 30th of each year. **Annual compliance certifications should be mailed to the following addresses:**

**Division for Air Quality  
Ashland Regional Office,  
1550 Wolohan Drive, Suite  
Ashland, KY 41102**

**Division for Air Quality  
Central Files  
803 Schenkel Lane  
Frankfort, KY 40601**

10. In accordance with 401KAR 52:030, Section 3(1)(d), the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission survey is mailed to the permittee. If a KYEIS emission report is not mailed to the permittee, comply with all other emission reporting requirements in this permit.
11. Pursuant to Section VII (3) of the policy manual of the Division for Air Quality as referenced in 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork..
12. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
  - a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
    - i. The size and location of both the original and replacement units; and
    - ii. Any resulting change in emissions;
  - b. The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
  - c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
  - d. The replacement unit shall comply with all applicable requirements; and
  - e. The source shall notify Regional office of all shutdowns and start-ups.
  - f. Within six (6) months after installing the replacement unit, the owner or operator shall:
    - i. Re-install the original unit and remove or dismantle the replacement unit; or
    - ii. Submit an application to permit the replacement unit as a permanent change.

## SECTION G - GENERAL PROVISIONS

### (a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030 Section 3(1)(b) and is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and reissuance, revision, or denial of a permit [Section 1a (2) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a (5) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030 Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:
  - a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:030 Section 12;
  - b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
  - c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
4. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.
5. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the conditions of this permit [Sections 1a (6) and (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].



## SECTION G - GENERAL PROVISIONS (CONTINUED)

6. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:030 Section 7(1)].
7. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a (11) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
8. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a (3) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
9. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1a (12)(b) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
10. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038 Section 3(6) [Section 1a (9) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
11. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:030 Section 11(3)].
12. This permit does not convey property rights or exclusive privileges [Section 1a (8) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
13. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
15. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.

## **SECTION G - GENERAL PROVISIONS (CONTINUED)**

16. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.
17. Permit Shield – A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
  - a. Applicable requirements that are included and specifically identified in this permit; and
  - b. Non-applicable requirements expressly identified in this permit.
18. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030 Section 3(1)(c)].
19. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:030 Section 8(2)].

(b) Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:030 Section 12].

(c) Permit Revisions

1. Minor permit revision procedures specified in 401 KAR 52:030 Section 14 (3) may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:030 Section 14 (2).
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

## **SECTION G - GENERAL PROVISIONS (CONTINUED)**

- (d) Construction, Start-Up, and Initial Compliance Demonstration Requirements  
None
- (e) Acid Rain Program Requirements
  - 1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.
- (f) Emergency Provisions
  - 1. Pursuant to 401 KAR 52:030 Section 23(1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
    - a. An emergency occurred and the permittee can identify the cause of the emergency;
    - b. The permitted facility was at the time being properly operated;
    - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
    - d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.
  - 2. Notification of the Division does not relieve the source of any other local, state or federal notification requirements.
  - 3. Emergency conditions listed in General Provision G(f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:030 Section 23(3)].
  - 4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof[401 KAR 52:030 Section 23(2)].

## SECTION G - GENERAL PROVISIONS (CONTINUED)

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center  
P.O. Box 3346  
Merrifield, VA, 22116-3346

2. If requested, submit additional relevant information to the Division or the U.S. EPA.

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
  - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
  - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
  - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
  - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
  - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
  - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

**SECTION H - ALTERNATE OPERATING SCENARIOS**

Not Applicable

**SECTION I - COMPLIANCE SCHEDULE**

None